

بنك أسئلة

الصف
الخامس
الابتدائي
٢٠٢٣

التميز

أ/ محمود سعيد



El Motamyez Questions Bank

Math

second term final revision

By

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نسخة
مجانية

ملحق الإجابات
بالداخل



El.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز ال QR Code
أو من خلال صفحة "التميز - أ/ محمود سعيد".
يرجى مراعاة حقوق صاحب المحتوى عند النشر.

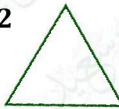
EL MOTAMYEZ - MATH QUESTIONS BANK

FINAL REVISION

Question 01

Choose the correct answer

- 1 The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is
- (a) 18 (b) 6 (c) 3 (d) 2
- 2 The simplest form of form of $\frac{6}{12}$ is
- (a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{5}{6}$ (d) $\frac{12}{6}$
- 3 Estimate the sum of $\frac{1}{6} + \frac{7}{8}$ using benchmarks, ...
- (a) $\frac{25}{24}$ (b) 1 (c) $\frac{1}{2}$ (d) 0
- 4 $\frac{2}{6} \times 3 = \dots\dots\dots$
- (a) $\frac{5}{6}$ (b) 1 (c) 36 (d) $\frac{12}{3}$
- 5 $3\frac{2}{5} \times 5 = \dots\dots\dots$
- (a) $\frac{17}{5}$ (b) 5 (c) 17 (d) $3\frac{10}{5}$
- 6 It is impossible to draw a triangle with two Angles .
- (a) Acute (b) Obtuse (c) right (d) both b and c
- 7 the measure of an acute angle may be °
- (a) 0° (b) 40° (c) 90° (d) 170°
- 8 $\frac{4}{11} \times \dots\dots\dots = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{2}{11}$
- (a) $\frac{14}{11}$ (b) $3\frac{1}{2}$ (c) 4 (d) $\frac{6}{11}$
- 9 $\frac{8}{15} \times b = \frac{8}{15} + \frac{8}{15} + \frac{4}{15}$, then b = ...
- (a) $\frac{20}{15}$ (b) $3\frac{1}{2}$ (c) 3 (d) 2.5
- 10 $7\frac{3}{4}$ hours = ... hours + ... minutes
- (a) 7 , 30 (b) $7, \frac{1}{2}$ (c) 7 , 15 (d) 7 , 45
- 11 the opposite triangle is
- (a) right (b) Obtuse (c) acute (d) otherwise

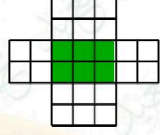


- 12  $\frac{4}{9} \times 0.5 = \dots\dots\dots$
 (a) $\frac{8}{9}$ (b) $\frac{20}{9}$ (c) 20 (d) $\frac{2}{9}$
- 13  $\frac{8}{15} \times 0.25 = \dots\dots\dots$
 (a) $\frac{1}{4}$ (b) $\frac{25}{15}$ (c) 24 (d) $\frac{2}{15}$
- 14  It is impossible to draw a triangle with one Angles .
 (a) Acute (b) Obtuse (c) right (d) both b and c
- 15 Volume of  is Cube units .
 (a) 3 (b) 4 (c) 5 (d) 10
- 16 the solid which has 5 vertices and 8 edges is
 (a) Cone (b) Cube (c) cuboid (d) Pyramid
- 17  the measure of an acute angle the measure of an obtuse angle
 (a) < (b) > (c) = (d) otherwise
- 18  $8 \div e = 40$, then $e = \dots\dots\dots$
 (a) 40 (b) $\frac{9}{40}$ (c) 5 (d) $\frac{1}{5}$
- 19 $\frac{8}{9} + \frac{2}{6}$ is about $1\frac{1}{2}$, the estimation is
 (a) overestimate (b) underestimate
- 20 $\frac{7}{9} - \frac{3}{9} = \dots\dots\dots$
 (a) $\frac{4}{9}$ (b) $\frac{5}{0}$ (c) 1 (d) $\frac{10}{9}$
- 21  $m(\angle A) = 40^\circ$, $m(\angle B) = 70^\circ$, $m(\angle C) = 70^\circ$, then it is a triangle .
 (a) right (b) Obtuse (c) acute (d) otherwise
- 22  $3\frac{2}{6} \times \frac{\dots}{6} = 3\frac{2}{6}$
 (a) $\frac{6}{6}$ (b) $3\frac{2}{6}$ (c) 6 (d) $\frac{1}{3}$
- 23  $\frac{6}{6} \times 2 = \dots\dots\dots$
 (a) $\frac{6}{6}$ (b) $2\frac{1}{6}$ (c) 2 (d) $\frac{5}{2}$
- 24 $3\frac{1}{2}$ hours = ... hours + ... minutes
 (a) 3 , 30 (b) 3 , $\frac{1}{2}$ (c) 3 (d) 4 , 2
- 25  $\frac{1}{5} \div 7 = \dots\dots\dots$
 (a) 1 (b) $\frac{1}{35}$ (c) 35 (d) $\frac{5}{7}$



- 3 the opposite triangle is
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 27 Data can be represented by
 (a) Line plot (b) Pie graph (c) pictograph (d) All of them
- 28 Triangle has 2 acute angles and 1 right angle .
 (a) right (b) Obtuse (c) right (d) otherwise
- 29 the measure of an obtuse angle is 90°
 (a) $<$ (b) $>$ (c) $=$ (d) otherwise
- 30 the number of horizontal layer is
 (a) 3 (b) 4 (c) 5 (d) 10
- 31 the cube has Faces .
 (a) 12 (b) 6 (c) 0 (d) 8
- 32 18 months = ... Year
 (a) $\frac{18}{12}$ (b) $3\frac{1}{6}$ (c) 3 (d) All of them
- 33 the simplest form of $4\frac{2}{10}$ is
 (a) $4\frac{3}{4}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) $2\frac{3}{4}$
- 34 $\frac{25}{8}$ is equivalent to
 (a) $2\frac{1}{8}$ (b) $3\frac{1}{25}$ (c) $3\frac{1}{8}$ (d) $\frac{8}{25}$
- 35 $3\frac{5}{6}$ is equivalent to
 (a) $2\frac{5}{6}$ (b) $4\frac{1}{25}$ (c) $3\frac{1}{6}$ (d) $\frac{23}{6}$
- 36 $3\frac{2}{6}$ is equivalent to
 (a) $2\frac{8}{6}$ (b) $3\frac{1}{6}$ (c) $2\frac{2}{6}$ (d) $\frac{23}{6}$
- 37 $8\frac{8}{8}$ is equivalent to
 (a) $9\frac{5}{6}$ (b) $8\frac{1}{8}$ (c) 81 (d) 9
- 38 $4\frac{2}{10}$ is equivalent to
 (a) $4\frac{20}{100}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) All of them



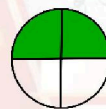
- 39  $m(\angle A) = 90^\circ$, $m(\angle B) = 60^\circ$, $m(\angle C) = 30^\circ$, then it is a triangle .
 (a) right (b) Obtuse (c) acute (d) otherwise
- 40 $8\frac{1}{6} + 3\frac{1}{5} = 9 + 3\frac{1}{5} - \dots\dots\dots$
 (a) $12\frac{1}{5}$ (b) $4\frac{1}{5}$ (c) $\frac{5}{6}$ (d) $\frac{1}{6}$
- 41 the volume of this solid is Cube units .

 (a) 12 (b) 3 (c) 2 (d) 9
- 42  Triangle has 2 acute angles and 1 obtuse angle .
 (a) right (b) Obtuse (c) right (d) otherwise
- 43  the measure of a right angle is°
 (a) 0° (b) 40° (c) 90° (d) 180°
- 44  $\frac{4}{6} \times \frac{4}{9} \times \frac{3}{16} = \dots\dots\dots$
 (a) $\frac{124}{186}$ (b) $2\frac{2}{16}$ (c) 3 (d) $\frac{1}{18}$
- 45  $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \dots\dots\dots = \frac{1}{4}$
 (a) 4 (b) 2 (c) 3 (d) 1
- 46 $8\frac{1}{6} + 3\frac{1}{5} = 9 + 3 + \frac{1}{5} - \dots\dots\dots$
 (a) $12\frac{1}{5}$ (b) $4\frac{1}{5}$ (c) $\frac{5}{6}$ (d) $\frac{1}{6}$
- 47  $\frac{8}{7} \times 3 = 4 \times \frac{\dots\dots}{7}$
 (a) 8 (b) 4 (c) 3 (d) 6
- 48  $\frac{16}{9} \times \frac{3}{4} \dots\dots\dots \frac{2}{6} \times \frac{3}{8}$
 (a) < (b) > (c) = (d) otherwise
- 49  $m(\angle G) = 110^\circ$, $m(\angle D) = 35^\circ$, $m(\angle F) = 35^\circ$, then it is an triangle
 (a) right (b) Obtuse (c) acute (d) otherwise
- 50 $4\frac{2}{3} + 3\frac{9}{10}$ is estimated as
 (a) $4\frac{1}{2} + 4$ (b) $1 + \frac{1}{2}$ (c) $4 + \frac{1}{2}$ (d) $31 + 4\frac{1}{2}$
- 51 Length x width x height = ...
 (a) Area (b) Perimeter (c) volume (d) Base area



- 52 $m - \frac{5}{7} = \frac{1}{4}$, then the value of m is
 (a) $\frac{27}{28}$ (b) $\frac{13}{28}$ (c) $\frac{1}{4}$ (d) $\frac{5}{7}$
- 53 $\frac{7}{14} + e = 1$, then the value of e is
 (a) $\frac{8}{14}$ (b) $\frac{1}{2}$ (c) $\frac{5}{14}$ (d) $\frac{5}{7}$
- 54 $\frac{11}{16} - a = \frac{1}{4}$, then the value of a is
 (a) $\frac{8}{16}$ (b) $\frac{7}{16}$ (c) $\frac{10}{12}$ (d) $\frac{6}{6}$
- 55 $\frac{12}{20}$ is equivalent to
 (a) $\frac{8}{10}$ (b) $\frac{3}{5}$ (c) $\frac{10}{12}$ (d) $\frac{6}{5}$
- 56 $4 \frac{1}{12}$ years = ... years + ... months
 (a) 4 , 2 (b) $4 \frac{1}{12}$ (c) 4 , 1 (d) 4 , 12
- 57  Triangle has 3 acute angles and 0 obtuse angle .
 (a) right (b) Obtuse (c) acute (d) otherwise
- 58  the measure of an obtuse angle may be °
 (a) 0° (b) 40° (c) 90° (d) 110°
- 59  $\frac{3}{4} - \frac{3}{8}$ $\frac{7}{25} \times \frac{5}{21}$
 (a) < (b) > (c) = (d) otherwise
- 60  $2 \frac{2}{6} \times \frac{3}{7} =$
 (a) $\frac{14}{21}$ (b) $3 \frac{1}{2}$ (c) 1 (d) $\frac{14}{6}$
- 61  AB = BC = 6.32 cm , AC is less than them , then it is an triangle .
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 62 the volume of this solid is Cubes. 
 (a) 3 (b) 4 (c) 5 (d) 10
- 63 the sum of the measures of angles around at a point is equal°
 (a) 270 (b) 90 (c) 360 (d) 180
- 64 $5 \frac{2}{8} + 3 \frac{6}{8} =$
 (a) 9 (b) $8 \frac{1}{6}$ (c) $8 \frac{4}{6}$ (d) $\frac{4}{6}$



- 65 $6\frac{1}{5} - 2\frac{3}{5} = \dots\dots\dots$
- (a) $4\frac{4}{5}$ (b) $4\frac{2}{5}$ (c) $3\frac{3}{5}$ (d) $\frac{31}{5}$
- 66 $3\frac{1}{8} + 2\frac{3}{8} = \dots\dots\dots$
- (a) $5\frac{4}{5}$ (b) $5\frac{1}{2}$ (c) $1\frac{4}{8}$ (d) $1\frac{2}{8}$
- 67 $9\frac{3}{9} - 3\frac{1}{3} = \dots\dots\dots$
- (a) $6\frac{2}{3}$ (b) $6\frac{7}{9}$ (c) $6\frac{1}{9}$ (d) 6
- 68 $3\frac{2}{3} \times \frac{1}{5} = \frac{1}{5} \times 3 + \frac{1}{5} \times \dots\dots\dots$
- (a) $\frac{2}{3}$ (b) $3\frac{2}{3}$ (c) 3 (d) $\frac{8}{3}$
- 69 45 minutes = ... Hours
- (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) 1 (d) $\frac{3}{4}$
- 70 base area x height = ...
 (a) Area (b) Perimeter (c) volume (d) Base area
- 71 Triangle has 3 different sides .
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 72 A is bounded by an arc and two radii .
 (a) Height (b) Pie graph (c) sector (d) Bar graph
- 73 the colored part represent Of the circle .
 (a) $\frac{1}{4}$ (b) 0.5 (c) $\frac{3}{4}$ (d) 0.25
- 74 75 minutes = ... Hours
- (a) $\frac{1}{2}$ (b) $1\frac{1}{4}$ (c) 1 (d) $\frac{3}{4}$
- 75 Which is equal to $6 \times \frac{3}{9}$
 (a) 2 (b) $3 \times \frac{6}{9}$ (c) $18 \times \frac{1}{9}$ (d) all of them
- 76 $5 + \frac{3}{5} + \frac{2}{5} = \dots\dots\dots$
- (a) $5\frac{2}{5}$ (b) 6 (c) $\frac{18}{4}$ (d) 4



- 77 $\frac{2}{3} + \frac{7}{12} = 1 + \dots\dots\dots$
 (a) $\frac{2}{5}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$
- 78 $\frac{1}{4} + \frac{3}{12} = 1 - \dots\dots\dots$
 (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$
- 79 $3 \frac{3}{4} = \dots\dots\dots \div 4$
 (a) 12 (b) 4 (c) 3 (d) 15
- 80 $\dots\dots\dots = 13 \div 5$
 (a) 2 (b) 5 (c) $2 \frac{3}{5}$ (d) 18
- 81 $\frac{1}{2}$ year = $\dots\dots\dots$ Months
 (a) 5 (b) 6 (c) 2 (d) 1
- 82 $8 \frac{1}{9} + 3 \frac{5}{12}$ is estimated as $\dots\dots\dots$
 (a) $8 \frac{1}{2} + 3$ (b) $8 + 3 \frac{1}{2}$ (c) $0 + \frac{1}{2}$ (d) $8 \frac{1}{2} + 3.5$
- 83 $8 \frac{1}{6} + 3.5 = \dots\dots\dots$
 (a) $11 \frac{2}{3}$ (b) $11 \frac{1}{6}$ (c) $4 \frac{2}{3}$ (d) 5
- 84 volume $\div$ height = $\dots\dots\dots$
 (a) Height (b) Width (c) volume (d) Base area
- 85 $\dots\dots\dots$ Triangle has 2 same sides and 1 different .
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 86 $4 \frac{3}{7} + \dots\dots\dots = 5 \frac{1}{3}$
 (a) $9 \frac{4}{21}$ (b) $1 \frac{16}{21}$ (c) 1 (d) $\frac{19}{21}$
- 87 $m - 7 \frac{2}{12} = 3 \frac{1}{4}$, then the value of m is $\dots\dots\dots$
 (a) $10 \frac{5}{12}$ (b) $3 \frac{11}{12}$ (c) 4 (d) $4 \frac{1}{8}$
- 88 $a + 6 \frac{4}{12} = 9 \frac{3}{4}$, then the value of a is $\dots\dots\dots$
 (a) $3 \frac{5}{12}$ (b) $15 \frac{7}{12}$ (c) 2.5 (d) $16 \frac{1}{12}$
- 89 $5 \frac{1}{5} - e = 3 \frac{1}{5}$, then the value of e is $\dots\dots\dots$
 (a) $2 \frac{2}{5}$ (b) $1 \frac{3}{5}$ (c) $1 \frac{4}{5}$ (d) $8 \frac{4}{5}$



90 volume $\div$ (length $\times$ width) = ...

(a) Height

(b) Width

(c) volume

(d) Base area

91 $24 \div 7 = \dots\dots\dots + 3$

(a) $\frac{3}{3}$

(b) $\frac{1}{8}$

(c) 3

(d) $\frac{3}{7}$

92 $25 \div \dots\dots\dots = 6 \frac{1}{4}$

(a) 6

(b) $\frac{1}{4}$

(c) 4

(d) $\frac{6}{25}$

93 $\frac{2}{3} + \frac{7}{12}$ is estimated as

(a) $\frac{1}{2} + \frac{1}{2}$

(b) $\frac{1}{2} + 1$

(c) $0 + \frac{1}{2}$

(d) $1 + 1$

94 $\frac{8}{9} + \frac{1}{100}$ is estimated as

(a) $\frac{1}{2} + \frac{1}{2}$

(b) $\frac{1}{2} + 1$

(c) $0 + \frac{1}{2}$

(d) $1 + 0$

95 $2 - \frac{2}{5} - \frac{1}{5} = \dots\dots\dots$

(a) $1 \frac{2}{5}$

(b) $\frac{2}{5}$

(c) $\frac{2}{3}$

(d) 1

96 $7 \frac{m}{10}$ is slightly greater than $7 \frac{1}{2}$, then m can be

(a) 11

(b) 5

(c) 6

(d) 1

97 volume $\div$ (length $\times$ height) = ...

(a) Height

(b) Width

(c) volume

(d) Base area

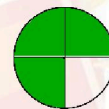
98 the measure of this central angle is

(a) 360

(b) 270

(c) 90

(d) 180



99 $\frac{1}{8} + \frac{6}{5}$ is about 1, the estimation is

(a) overestimate

(b) underestimate

100 the measure of an obtuse angle the measure of a right angle

(a) <

(b) >

(c) =

(d) otherwise

101 $\frac{1}{6}$ year = ... Months

(a) 5

(b) 6

(c) 2

(d) 1

102 the angle whose vertex is the center of the circle is called angle.

(a) Central

(b) Circular

(c) right

(d) Straight

103 $\frac{2}{8} + \frac{6}{8} = \dots\dots\dots$

(a) $\frac{4}{6}$

(b) $\frac{2}{3}$

(c) 1

(d) $\frac{6}{8}$



- 104 $3\frac{12}{c}$ is slightly greater than 4 , then c can be
 (a) 11 (b) 9 (c) 13 (d) 12
- 105 If the volume of a cuboid = 30 cm^3 and base area = 15 cm^2 , then it's height is Cm
 (a) 5 (b) 2 (c) 15 (d) 150
- 106 $4 \div \frac{1}{4}$ $\frac{1}{4} \div 4$
 (a) < (b) > (c) = (d) otherwise
- 107 $\frac{1}{5}$ hour = ... Minutes
 12 (b) 7 (c) 5 (d) 1
- 108 $\frac{5}{9} + \frac{4}{7}$ is about 1 , the estimation is
 (a) overestimate (b) underestimate
- 109 $\frac{1}{\dots} = \frac{8}{24}$
 (a) 0 (b) 2 (c) 3 (d) 1
- 110 $\frac{1}{4} + \frac{3}{16} = \dots\dots\dots$
 (a) $\frac{7}{16}$ (b) 0 (c) 16 (d) $\frac{4}{20}$
- 111 $1\frac{1}{8}$ day = ... hours
 (a) 24 (b) 8 (c) 27 (d) 2
- 112 $\dots\dots\dots \div \frac{1}{6} = 24$
 (a) 4 (b) $\frac{1}{4}$ (c) 36 (d) $\frac{6}{24}$
- 113 $\frac{1}{8} \div m = \frac{1}{32}$, then m=
 (a) 4 (b) $\frac{1}{4}$ (c) 32 (d) $\frac{8}{32}$
- 114 A is a circle divided into sectors .
 (a) Height (b) Pie graph (c) sector (d) Bar graph
- 115 the measure of an acute angle the measure of a right angle
 (a) < (b) > (c) = (d) otherwise
- 116 Estimate the difference of $\frac{9}{11} - \frac{2}{5}$ using benchmarks, ...
 (a) $\frac{7}{6}$ (b) $\frac{1}{2}$ (c) 0 (d) 1



- 117 The LCM of denominators of $\frac{4}{7}$ and $\frac{2}{5}$ is
- (a) 7 (b) 35 (c) 5 (d) $\frac{6}{35}$
- 118 90 minutes = ... hours
- (a) $12\frac{1}{2}$ (b) $3\frac{1}{2}$ (c) 30 (d) $1\frac{1}{2}$
- 119 $\frac{1}{4} \div \frac{1}{2} = \dots\dots\dots$
- (a) 4 (b) $\frac{1}{4}$ (c) 8 (d) $\frac{1}{2}$
- 120 $10 \div \frac{1}{5} = \dots\dots\dots$
- (a) 2 (b) $\frac{1}{5}$ (c) 50 (d) $\frac{5}{10}$
- 121 $1 - \frac{3}{5} - \frac{2}{5} = \dots\dots\dots$
- (a) 0 (b) 2 (c) $\frac{5}{5}$ (d) 1
- 122 $\frac{2}{5} = \frac{\dots}{15}$
- (a) 0 (b) 2 (c) 3 (d) 6
- 123 $\frac{1}{\dots} = \frac{12}{24}$
- (a) 0 (b) 2 (c) 3 (d) 1
- 124 $8 \div \frac{1}{4} \dots\dots\dots 4 \div \frac{1}{8}$
- (a) < (b) > (c) = (d) otherwise
- 125 $\frac{1}{5} + \frac{2}{3} = \dots\dots\dots$
- (a) $\frac{13}{15}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$
- 126 $\dots\dots\dots + \frac{5}{8} = 1$
- (a) $\frac{4}{8}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$
- 127 $\dots\dots\dots + \frac{5}{10} = 1$
- (a) $\frac{1}{2}$ (b) $\frac{5}{10}$ (c) $\frac{4}{8}$ (d) all of them
- 128 $1 - \dots\dots\dots = 0$
- (a) $\frac{1}{2}$ (b) $\frac{10}{10}$ (c) $\frac{2}{3}$ (d) 0
- 129 $1 - \dots\dots\dots = 1$
- (a) $\frac{1}{2}$ (b) $\frac{10}{10}$ (c) $\frac{0}{3}$ (d) 1



Question 02

complete

1 the number of vertical layer is



2 $\frac{3}{12} \times \frac{3}{8} \times \frac{2}{6} = \dots\dots\dots$

3 scalene triangle has 3 sides .

4 $4 \frac{4}{8} \times \frac{\dots\dots}{8} = 4 \frac{1}{2}$

5 $\frac{2}{8} \times 3 \times \frac{2}{6} = \dots\dots\dots$

6 $\frac{100}{100} \times 5 \frac{6}{12} = \dots\dots\dots$

7 $3 \frac{2}{5} \times 5 = 5 \times \dots\dots\dots$

8 $\frac{2}{5} \times 3 = 6 \times \dots\dots\dots$

9 $\frac{3}{2} \times \frac{12}{24} = \dots\dots\dots$

10 the figure name is

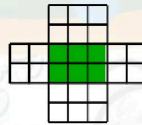


11 $\frac{2}{11} \times \dots\dots\dots = \frac{3}{11}$

12 $\dots\dots\dots \times \frac{3}{8} \times \frac{2}{6} = \frac{3}{8}$

13 $\frac{2}{3} \times \dots\dots\dots = \frac{6}{12}$

14 Volume = ...x.....x.....

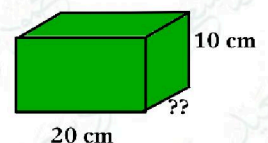


15 $\dots\dots\dots \times \frac{5}{6} = \frac{10}{24}$

16 Triangle has 3 acute angles and 0 right angle .

17 $\frac{3}{5} \times 1.5 \times 30 = \dots\dots\dots$

18 if the volume = 1200 cm³ , then the missing dimension is cm



19 $\frac{4}{11} \times \dots\dots\dots = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{2}{11}$

20 $3 \frac{3}{5} \times \dots\dots\dots = 1$



21 $3 \frac{2}{3} \times \frac{1}{5} = \dots \times 3 + \dots \times \frac{2}{3}$

22 15 minutes = ... Hours

23 minutes = $\frac{1}{2}$ Hours

24 $2 \div 4 = \dots$

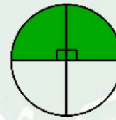
25 $23 \div 4 = \dots$

26 $34 \div 5 = 6 + \dots$

27 $40 \div \dots = 4 \frac{4}{9}$

28 $18 \div \frac{1}{2} = 18 \times \dots$

29 the measure of this central angle is°



30 $\frac{4}{11} \times \dots = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{4}{11}$

31 $d \div \frac{1}{5} = \frac{1}{2}$, then d = ...

32 $\frac{1}{7} \div n = \frac{1}{21}$, then n = ...

33 $6 \div f = 24$, then f = ...

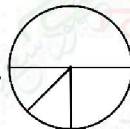
34 Any triangle has at least Acute angles .

35 Volume of  is Cube units .

36 Triangle has 3 acute angles .

37 $\frac{1}{6} + \frac{3}{6} = \dots$ In simplest form

38 color $\frac{1}{4}$ of the circle .



39 the measure of a right angle is 90°

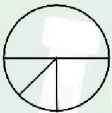
40 the sum of all decimals in one circle = ...

41 the measure of an obtuse angle is 90°

42 the triangle has sides and angles

43 The simplest form of form of $\frac{2}{24}$ is



- 44  the Area of the opposite figure is square units 
- 45 the sphere has vertex .
- 46  the measure of an acute angle is 90°
- 47  $\frac{2}{6} \times 2.5 = \dots\dots\dots$
- 48 is a flat surface of a solid figure .
- 49  $\frac{5}{8} \times 0.4 = \dots\dots\dots$
- 50  Triangle has 3 equal sides .
- 51 volume $\div$ base area = ...
- 52 volume $\div$ (width $\times$ height) = ...
- 53 $\frac{2}{3}$ year = ... Months
- 54 If the volume of a cuboid = 400 cm^3 , it's length = 10 cm , it's height = 5 cm, then it's width is Cm
- 55 A is a part of a circular region .
- 56 the colored part represent Of the circle 
- 57 Color $\frac{1}{2}$ of the circle . 
- 58  $30 \div \frac{1}{3} = \dots\dots\dots$
- 59  $\div \frac{1}{5} = 25$
- 60 the sum of all fractions in one circle = ...
- 61 $7 \frac{8}{8}$ is equivalent to
- 62 90 seconds = ... minutes
- 63 The smallest same denominator of $\frac{1}{4}$ and $\frac{3}{8}$ is
- 64 $\frac{1}{\dots\dots} = \frac{2}{8}$
- 65 Estimate the sum of $\frac{1}{6} + \frac{6}{7}$ using benchmarks, ...
- 66 The LCM of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is



67 $\frac{6}{9} - \frac{3}{9} = \dots\dots\dots$ In simplest form

68 $\dots\dots\dots + \frac{2}{9} = 1$

69  ABC is an equilateral triangle where AB = 4 cm , then AC = ...And BC = ...

70 $3 + \frac{1}{8} + \frac{7}{8} = \dots\dots\dots$

71 $R - \frac{2}{6} = \frac{1}{3}$, then the value of R is

72 $\frac{1}{4} + \frac{3}{4} = 1 - \dots\dots\dots$

73 $\frac{1}{12}$ year = ... Months

74 $2\frac{1}{4}$ hours = ... hours + ... minutes

75 24 months = ... Year

76 120 seconds = ... minutes

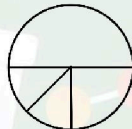
77  $\frac{3}{2} \times 2 = \dots\dots\dots$

78  $2\frac{2}{5} \times 3 = \dots\dots\dots$

79  $\frac{8}{9} \times 0.125 = \dots\dots\dots$

80 $1 - \frac{3}{8} - \frac{2}{8} = \dots\dots\dots$

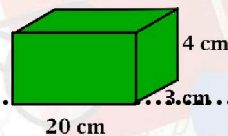
81 color $\frac{1}{8}$ of the circle .



Question 03

Answer the following

- 1 find the volume of this solid .



- 2 Mohamed bought a book by $\frac{1}{3}$ of his money and a candy by $\frac{2}{7}$ of his money and saved the left money . What fraction of money does Mohamed save ?

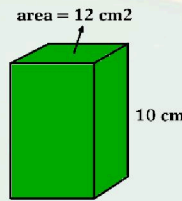
- 3 Yara's garden consists of $\frac{3}{8}$ poppies , $\frac{1}{4}$ roses and flowers in the rest of the garden what fraction of the flowers in the garden ?



- 4 Besan collected $6\frac{2}{7}$ of honey . She gave his sister Sandy $3\frac{3}{4}$ kg of them . How many kilograms are left ?
-

- 5 Yousef spent $\frac{5}{6}$ of his money for buying candy and $\frac{3}{4}$ for buying clothes . Write their fractions with like denominators .
-

- 6 find the volume of this solid .



- 7 Lena ate $1\frac{3}{4}$ kg of fruits , Yasin ate $\frac{1}{5}$ kg more than Lena and Jana ate $\frac{3}{10}$ kg less than Yasin . How many kilograms did Jana eat ?
-

- 8 Seif studied MATH for $3\frac{1}{4}$ hours and science for 30 minutes . How many hours did Seif study in all ?
-

- 9 Esraa notice that $\frac{1}{3}$ of the 9 rose bushes are in bloom . How many rose bushes are in bloom ?

3

- 10 Maya ate $\frac{1}{4}$ of 24 candies . How many candies are left ?

3

- 11 write three different multiplication expressions that have the same product as $5 \times \frac{4}{8}$

3

- 12 Dareen bought $3\frac{1}{8}$ liters of water for $\frac{4}{5}$ for each liter . How much money did Dareen pay ?

3

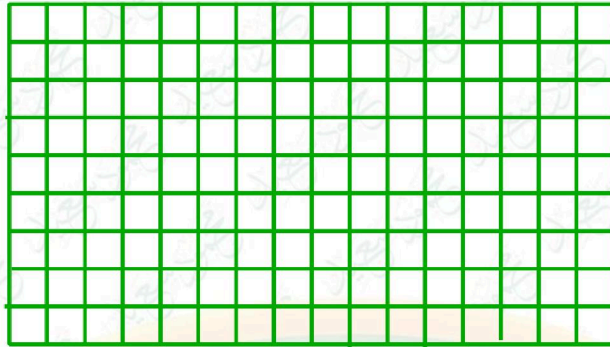
- 13 Mohamed bought 3 bags of meat . Each bag has a mass of $2\frac{1}{9}$ kg . If he gave $4\frac{2}{3}$ kg to Rozana . How many kilograms left ?
-

3



14 Draw two different rectangles with an area 24 square units .

3



15 A rectangular room of $1\frac{1}{4}$ m wide and 4 m longe . Find the area .

3

.....

16 Mr Mahmoud Elkholy is reading a chapter book in MATH . He can read $10\frac{2}{3}$ pages in 1 hour . How many pages will he read in 15 minutes ?

3

.....

17 If the price of 16 candies 26 L.E. .find the price of each one .

3

.....

18 Plot the points on the coordinate plane :

3

A(2 , 4) B (7 , 4) C(7 , 7) D (2 , 7)

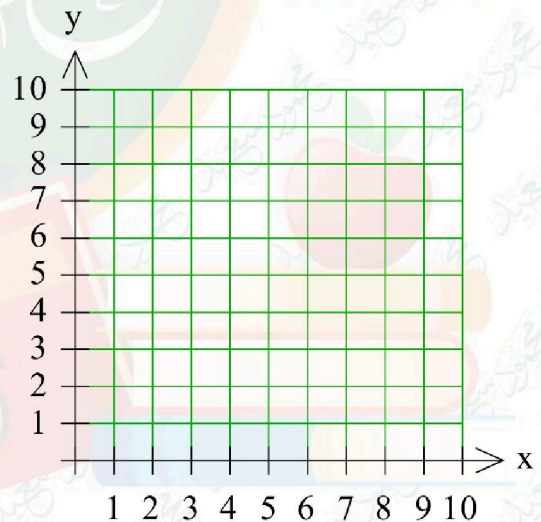
- what is the name of the figure ABCD ? Rectangle

- what is the length of AB ?

- what is the length of BC ?

- CD //

- AB is perpendicular to



19 How many $\frac{1}{6}$ cup in 6 cups of chocolate ?

3

.....

20 Mr Mahmoud Elkholy wants to give $\frac{1}{5}$ of a box candies to each student he has 9 boxes . To how many students will he be able to give candies ?

3

.....

21 Find the area of the opposite rectangle .

3

.....



- 22** Sofian wants to design a cuboid room of volume 12000000 cm^3 , it's length = 300 cm and it's height = 200 cm, find it's width .

.....

- 23** A cuboid with a square base it's length 20 cm . 24000 cm^3 oil was poured into it . What is the height of the oil ?

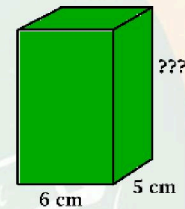
.....

- 24** MR Mahmoud Elkholy walked $1\frac{1}{2}$ km and his student Ebrahim walked $2\frac{3}{5}$ km more . What distance that Ebrahim walked ?

.....

- 25** if the volume = 300 cm^3 , find the height of this solid .

.....



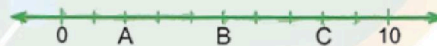
- 26** Samira studied MATH for $1\frac{1}{2}$ hours and science for 40 minutes . How many minutes did Samira study in all ?

.....

- 27** Answer with the number line .

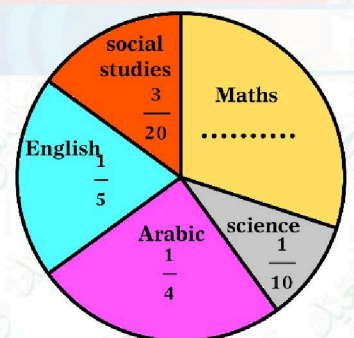
3

- what is the value of A ?
- what is the value of B ?
- what is the value of C ?
- what is the distance between A and C ?



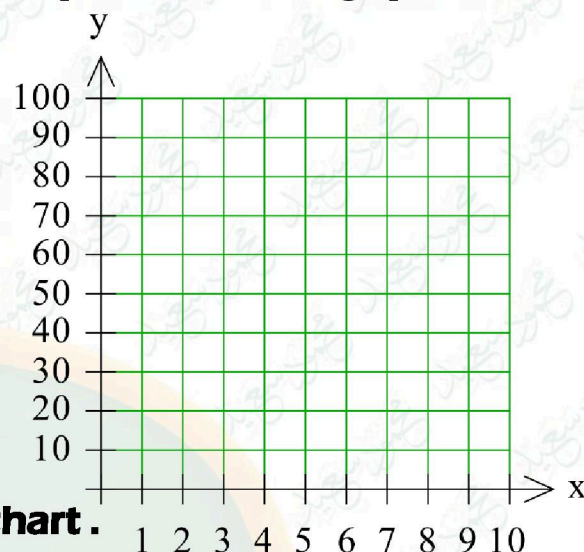
- 28** The opposite figure shows the fraction of time that Eyad spends in studying subjects . He studied 20 hours .

- what's the decimal of the time that Eyad spends in studying Maths ?
- what's the fraction of the time that Eyad spends in studying Maths ?
- what's the measure of the central angle of science ?
- what's the measure of the central angle of Arabic ?
- How many hours did he study English ?
- How many hours did he study Arabic ?
- How many hours did he study science ?



- 29** Ahmed's car consumes 1 Liter of petrol to cover 5 km , complete the table and graph the points on the grid .

Petrol	Distance
1	5
2	10
4	20
6	30
9	45
10	50

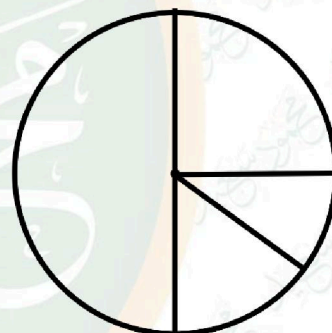


- How many liters are needed to cover 40 km ?
- 12 liters can be consumed to cover Km

- 30** Represent these data by the opposite pie chart .

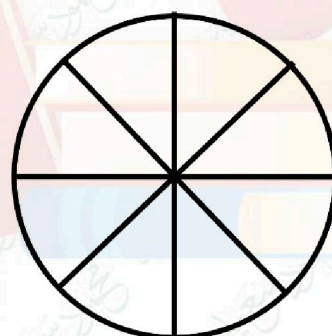
Rate	excellent	good	pass	weak
Fraction	$\frac{3}{20}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{10}$

- If the total number of students is 100 students ,
- 1- find the number of good students .
- 2- find the number of pass students .
- 3- find the number of week students .
- 4 - find the number of excellent students .



- 31** In the opposite circle . This represents 80 students .

- Shade $\frac{1}{2}$ of the circle green .
- Shade $\frac{1}{8}$ of the circle red .
- Shade $\frac{1}{4}$ of the circle blue .
- Shade $\frac{1}{8}$ of the circle yellow .
- what decimal of the group is blue ?
- what decimal of the group is green ?
- what decimal of the group is green ?
- How many students do the green represent ?
- How many students do the blue represent ?
- How many students do the black and red represent ?



انتهت الأسئلة مع أطيب الامنيات بالنجاح والتوفيق

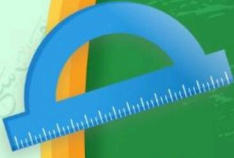


بنك أسئلة

الصف
الخامس
الابتدائي
٢٠٢٣

التميز

أ/ محمود سعيد



Model Answers

Math

second term final revision

By

MR . Mahmoud Elkhoully



El.Motamyez.School

يمكنكم الحصول على المذكرات والاختبارات من خلال مسح رمز ال QR Code
أو من خلال صفحة "التميز - أ/ محمود سعيد".
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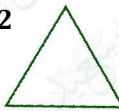
EL MOTAMYEZ - MATH QUESTIONS BANK

FINAL REVISION

Question 01

Choose the correct answer

- 1 The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is
- (a) 18 (b) 6 (c) 3 (d) 2
- 2 The simplest form of form of $\frac{6}{12}$ is
- (a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{5}{6}$ (d) $\frac{12}{6}$
- 3 Estimate the sum of $\frac{1}{6} + \frac{7}{8}$ using benchmarks, ...
- (a) $\frac{25}{24}$ (b) 1 (c) $\frac{1}{2}$ (d) 0
- 4 $\frac{2}{6} \times 3 = \dots\dots\dots$
- (a) $\frac{5}{6}$ (b) 1 (c) 36 (d) $\frac{12}{3}$
- 5 $3\frac{2}{5} \times 5 = \dots\dots\dots$
- (a) $\frac{17}{5}$ (b) 5 (c) 17 (d) $3\frac{10}{5}$
- 6 It is impossible to draw a triangle with two Angles .
- (a) Acute (b) Obtuse (c) right (d) both b and c
- 7 the measure of an acute angle may be °
- (a) 0° (b) 40° (c) 90° (d) 170°
- 8 $\frac{4}{11} \times \dots\dots\dots = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{2}{11}$
- (a) $\frac{14}{11}$ (b) $3\frac{1}{2}$ (c) 4 (d) $\frac{6}{11}$
- 9 $\frac{8}{15} \times b = \frac{8}{15} + \frac{8}{15} + \frac{4}{15}$, then b = ...
- (a) $\frac{20}{15}$ (b) $3\frac{1}{2}$ (c) 3 (d) 2.5
- 10 $7\frac{3}{4}$ hours = ... hours + ... minutes
- (a) 7 , 30 (b) 7 , $\frac{1}{2}$ (c) 7 , 15 (d) 7 , 45
- 11 the opposite triangle is
- (a) right (b) Obtuse (c) acute (d) otherwise



- 12 $\frac{4}{9} \times 0.5 = \dots\dots\dots$
 (a) $\frac{8}{9}$ (b) $\frac{20}{9}$ (c) 20 (d) $\frac{2}{9}$
- 13 $\frac{8}{15} \times 0.25 = \dots\dots\dots$
 (a) $\frac{1}{4}$ (b) $\frac{25}{15}$ (c) 24 (d) $\frac{2}{15}$
- 14 It is impossible to draw a triangle with one Angles .
 (a) Acute (b) Obtuse (c) right (d) both b and c
- 15 Volume of is Cube units .
 (a) 3 (b) 4 (c) 5 (d) 10
- 16 the solid which has 5 vertices and 8 edges is
 (a) Cone (b) Cube (c) cuboid (d) Pyramid
- 17 the measure of an acute angle the measure of an obtuse angle
 (a) < (b) > (c) = (d) otherwise
- 18 $8 \div e = 40$, then $e = \dots\dots\dots$
 (a) 40 (b) $\frac{9}{40}$ (c) 5 (d) $\frac{1}{5}$
- 19 $\frac{8}{9} + \frac{2}{6}$ is about $1\frac{1}{2}$, the estimation is
 (a) overestimate (b) underestimate
- 20 $\frac{7}{9} - \frac{3}{9} = \dots\dots\dots$
 (a) $\frac{4}{9}$ (b) $\frac{5}{0}$ (c) 1 (d) $\frac{10}{9}$
- 21 $m(\angle A) = 40^\circ$, $m(\angle B) = 70^\circ$, $m(\angle C) = 70^\circ$, then it is a triangle .
 (a) right (b) Obtuse (c) acute (d) otherwise
- 22 $3\frac{2}{6} \times \frac{\dots}{6} = 3\frac{2}{6}$
 (a) $\frac{6}{6}$ (b) $3\frac{2}{6}$ (c) 6 (d) $\frac{1}{3}$
- 23 $\frac{6}{6} \times 2 = \dots\dots\dots$
 (a) $\frac{6}{6}$ (b) $2\frac{1}{6}$ (c) 2 (d) $\frac{5}{2}$
- 24 $3\frac{1}{2}$ hours = ... hours + ... minutes
 (a) 3 , 30 (b) $3 , \frac{1}{2}$ (c) 3 (d) 4 , 2
- 25 $\frac{1}{5} \div 7 = \dots\dots\dots$
 (a) 1 (b) $\frac{1}{35}$ (c) 35 (d) $\frac{5}{7}$



- 26  the opposite triangle is
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 27 Data can be represented by
 (a) Line plot (b) Pie graph (c) pictograph (d) All of them
- 28  Triangle has 2 acute angles and 1 right angle .
 (a) right (b) Obtuse (c) right (d) otherwise
- 29  the measure of an obtuse angle is 90°
 (a) $<$ (b) $>$ (c) $=$ (d) otherwise
- 30 the number of horizontal layer is
 (a) 3 (b) 4 (c) 5 (d) 10
- 31 the cube has Faces .
 (a) 12 (b) 6 (c) 0 (d) 8
- 32 18 months = ... Year
 (a) $\frac{18}{12}$ (b) $3\frac{1}{6}$ (c) 3 (d) All of them
- 33 the simplest form of $4\frac{2}{10}$ is
 (a) $4\frac{3}{4}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) $2\frac{3}{4}$
- 34 $\frac{25}{8}$ is equivalent to
 (a) $2\frac{1}{8}$ (b) $3\frac{1}{25}$ (c) $3\frac{1}{8}$ (d) $\frac{8}{25}$
- 35 $3\frac{5}{6}$ is equivalent to
 (a) $2\frac{5}{6}$ (b) $4\frac{1}{25}$ (c) $3\frac{1}{6}$ (d) $\frac{23}{6}$
- 36 $3\frac{2}{6}$ is equivalent to
 (a) $2\frac{8}{6}$ (b) $3\frac{1}{6}$ (c) $2\frac{2}{6}$ (d) $\frac{23}{6}$
- 37 $8\frac{8}{8}$ is equivalent to
 (a) $9\frac{5}{6}$ (b) $8\frac{1}{8}$ (c) 81 (d) 9
- 38 $4\frac{2}{10}$ is equivalent to
 (a) $4\frac{20}{100}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) All of them



39  $m(\angle A) = 90^\circ$, $m(\angle B) = 60^\circ$, $m(\angle C) = 30^\circ$, then it is a triangle .

a right

b Obtuse

c acute

d otherwise

40 $8\frac{1}{6} + 3\frac{1}{5} = 9 + 3\frac{1}{5} - \dots\dots\dots$

a $12\frac{1}{5}$

b $4\frac{1}{5}$

c $\frac{5}{6}$

d $\frac{1}{6}$

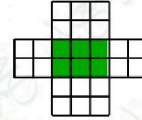
41 the volume of this solid is Cube units .

a 12

b 3

c 2

d 9



42  Triangle has 2 acute angles and 1 obtuse angle .

a right

b Obtuse

c right

d otherwise

43  the measure of a right angle is°

a 0°

b 40°

c 90°

d 180°

44  $\frac{4}{6} \times \frac{4}{9} \times \frac{3}{16} = \dots\dots\dots$

a $\frac{124}{186}$

b $2\frac{2}{16}$

c 3

d $\frac{1}{18}$

45  $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \dots\dots\dots = \frac{1}{4}$

a 4

b 2

c 3

d 1

46 $8\frac{1}{6} + 3\frac{1}{5} = 9 + 3 + \frac{1}{5} - \dots\dots\dots$

a $12\frac{1}{5}$

b $4\frac{1}{5}$

c $\frac{5}{6}$

d $\frac{1}{6}$

47  $\frac{8}{7} \times 3 = 4 \times \frac{\dots\dots\dots}{7}$

a 8

b 4

c 3

d 6

48  $\frac{16}{9} \times \frac{3}{4} \dots\dots\dots \frac{2}{6} \times \frac{3}{8}$

a <

b >

c =

d otherwise

49  $m(\angle G) = 110^\circ$, $m(\angle D) = 35^\circ$, $m(\angle F) = 35^\circ$, then it is an triangle

a right

b Obtuse

c acute

d otherwise

50 $4\frac{2}{3} + 3\frac{9}{10}$ is estimated as

a $4\frac{1}{2} + 4$

b $1 + \frac{1}{2}$

c $4 + \frac{1}{2}$

d $31 + 4\frac{1}{2}$

51 Length x width x height = ...

a Area

b Perimeter

c volume

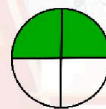
d Base area



- 52 $m - \frac{5}{7} = \frac{1}{4}$, then the value of m is
 (a) $\frac{27}{28}$ (b) $\frac{13}{28}$ (c) $\frac{1}{4}$ (d) $\frac{5}{7}$
- 53 $\frac{7}{14} + e = 1$, then the value of e is
 (a) $\frac{8}{14}$ (b) $\frac{1}{2}$ (c) $\frac{5}{14}$ (d) $\frac{5}{7}$
- 54 $\frac{11}{16} - a = \frac{1}{4}$, then the value of a is
 (a) $\frac{8}{16}$ (b) $\frac{7}{16}$ (c) $\frac{10}{12}$ (d) $\frac{6}{6}$
- 55 $\frac{12}{20}$ is equivalent to
 (a) $\frac{8}{10}$ (b) $\frac{3}{5}$ (c) $\frac{10}{12}$ (d) $\frac{6}{5}$
- 56 $4 \frac{1}{12}$ years = ... years + ... months
 (a) 4 , 2 (b) 4 , $\frac{1}{12}$ (c) 4 , 1 (d) 4 , 12
- 57  Triangle has 3 acute angles and 0 obtuse angle .
 (a) right (b) Obtuse (c) acute (d) otherwise
- 58  the measure of an obtuse angle may be °.
 (a) 0° (b) 40° (c) 90° (d) 110°
- 59  $\frac{3}{4} - \frac{3}{8}$ $\frac{7}{25} \times \frac{5}{21}$
 (a) < (b) > (c) = (d) otherwise
- 60  $2 \frac{2}{6} \times \frac{3}{7} =$
 (a) $\frac{14}{21}$ (b) $3 \frac{1}{2}$ (c) 1 (d) $\frac{14}{6}$
- 61  AB = BC = 6.32 cm , AC is less than them , then it is an triangle .
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 62 the volume of this solid is Cubes. 
 (a) 3 (b) 4 (c) 5 (d) 10
- 63 the sum of the measures of angles around at a point is equal°
 (a) 270 (b) 90 (c) 360 (d) 180
- 64 $5 \frac{2}{8} + 3 \frac{6}{8} =$
 (a) 9 (b) $8 \frac{1}{6}$ (c) $8 \frac{4}{6}$ (d) $\frac{4}{6}$



- 65 $6\frac{1}{5} - 2\frac{3}{5} = \dots\dots\dots$
- (a) $4\frac{4}{5}$ (b) $4\frac{2}{5}$ (c) $3\frac{3}{5}$ (d) $\frac{31}{5}$
- 66 $3\frac{1}{8} + 2\frac{3}{8} = \dots\dots\dots$
- (a) $5\frac{4}{5}$ (b) $5\frac{1}{2}$ (c) $1\frac{4}{8}$ (d) $1\frac{2}{8}$
- 67 $9\frac{3}{9} - 3\frac{1}{3} = \dots\dots\dots$
- (a) $6\frac{2}{3}$ (b) $6\frac{7}{9}$ (c) $6\frac{1}{9}$ (d) 6
- 68 $3\frac{2}{3} \times \frac{1}{5} = \frac{1}{5} \times 3 + \frac{1}{5} \times \dots\dots\dots$
- (a) $\frac{2}{3}$ (b) $3\frac{2}{3}$ (c) 3 (d) $\frac{8}{3}$
- 69 45 minutes = ... Hours
- (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) 1 (d) $\frac{3}{4}$
- 70 base area x height = ...
(a) Area (b) Perimeter (c) volume (d) Base area
- 71 Triangle has 3 different sides .
(a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 72 A is bounded by an arc and two radii .
(a) Height (b) Pie graph (c) sector (d) Bar graph
- 73 the colored part represent Of the circle .
(a) $\frac{1}{4}$ (b) 0.5 (c) $\frac{3}{4}$ (d) 0.25
- 74 75 minutes = ... Hours
- (a) $\frac{1}{2}$ (b) $1\frac{1}{4}$ (c) 1 (d) $\frac{3}{4}$
- 75 Which is equal to $6 \times \frac{3}{9}$
(a) 2 (b) $3 \times \frac{6}{9}$ (c) $18 \times \frac{1}{9}$ (d) all of them
- 76 $5 + \frac{3}{5} + \frac{2}{5} = \dots\dots\dots$
- (a) $5\frac{2}{5}$ (b) 6 (c) $\frac{18}{4}$ (d) 4



- 77 $\frac{2}{3} + \frac{7}{12} = 1 + \dots\dots\dots$
 (a) $\frac{2}{5}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$
- 78 $\frac{1}{4} + \frac{3}{12} = 1 - \dots\dots\dots$
 (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$
- 79 $3 \frac{3}{4} = \dots\dots\dots \div 4$
 (a) 12 (b) 4 (c) 3 (d) 15
- 80 $\dots\dots\dots = 13 \div 5$
 (a) 2 (b) 5 (c) $2 \frac{3}{5}$ (d) 18
- 81 $\frac{1}{2}$ year = $\dots\dots\dots$ Months
 (a) 5 (b) 6 (c) 2 (d) 1
- 82 $8 \frac{1}{9} + 3 \frac{5}{12}$ is estimated as $\dots\dots\dots$
 (a) $8 \frac{1}{2} + 3$ (b) $8 + 3 \frac{1}{2}$ (c) $0 + \frac{1}{2}$ (d) $8 \frac{1}{2} + 3.5$
- 83 $8 \frac{1}{6} + 3.5 = \dots\dots\dots$
 (a) $11 \frac{2}{3}$ (b) $11 \frac{1}{6}$ (c) $4 \frac{2}{3}$ (d) 5
- 84 volume $\div$ height = $\dots\dots\dots$
 (a) Height (b) Width (c) volume (d) Base area
- 85 $\dots\dots\dots$ Triangle has 2 same sides and 1 different .
 (a) scalene (b) Equilateral (c) isosceles (d) otherwise
- 86 $4 \frac{3}{7} + \dots\dots\dots = 5 \frac{1}{3}$
 (a) $9 \frac{4}{21}$ (b) $1 \frac{16}{21}$ (c) 1 (d) $\frac{19}{21}$
- 87 $m - 7 \frac{2}{12} = 3 \frac{1}{4}$, then the value of m is $\dots\dots\dots$
 (a) $10 \frac{5}{12}$ (b) $3 \frac{11}{12}$ (c) 4 (d) $4 \frac{1}{8}$
- 88 $a + 6 \frac{4}{12} = 9 \frac{3}{4}$, then the value of a is $\dots\dots\dots$
 (a) $3 \frac{5}{12}$ (b) $15 \frac{7}{12}$ (c) 2.5 (d) $16 \frac{1}{12}$
- 89 $5 \frac{1}{5} - e = 3 \frac{1}{5}$, then the value of e is $\dots\dots\dots$
 (a) $2 \frac{2}{5}$ (b) $1 \frac{3}{5}$ (c) $1 \frac{4}{5}$ (d) $8 \frac{4}{5}$



90 volume $\div$ (length $\times$ width) = ...

a Height

b Width

c volume

d Base area

91 $24 \div 7 = \dots\dots\dots + 3$

a $\frac{3}{3}$

b $\frac{1}{8}$

c 3

d $\frac{3}{7}$

92 $25 \div \dots\dots\dots = 6 \frac{1}{4}$

a 6

b $\frac{1}{4}$

c 4

d $\frac{6}{25}$

93 $\frac{2}{3} + \frac{7}{12}$ is estimated as

a $\frac{1}{2} + \frac{1}{2}$

b $\frac{1}{2} + 1$

c $0 + \frac{1}{2}$

d $1 + 1$

94 $\frac{8}{9} + \frac{1}{100}$ is estimated as

a $\frac{1}{2} + \frac{1}{2}$

b $\frac{1}{2} + 1$

c $0 + \frac{1}{2}$

d $1 + 0$

95 $2 - \frac{2}{5} - \frac{1}{5} = \dots\dots\dots$

a $1 \frac{2}{5}$

b $\frac{2}{5}$

c $\frac{2}{3}$

d 1

96 $7 \frac{m}{10}$ is slightly greater than $7 \frac{1}{2}$, then m can be

a 11

b 5

c 6

d 1

97 volume $\div$ (length $\times$ height) = ...

a Height

b Width

c volume

d Base area

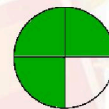
98 the measure of this central angle is

a 360

b 270

c 90

d 180



99 $\frac{1}{8} + \frac{6}{5}$ is about 1, the estimation is

a overestimate

b underestimate

100 the measure of an obtuse angle the measure of a right angle

a <

b >

c =

d otherwise

101 $\frac{1}{6}$ year = ... Months

a 5

b 6

c 2

d 1

102 the angle whose vertex is the center of the circle is called angle.

a Central

b Circular

c right

d Straight

103 $\frac{2}{8} + \frac{6}{8} = \dots\dots\dots$

a $\frac{4}{6}$

b $\frac{2}{3}$

c 1

d $\frac{6}{8}$



- 104 $3\frac{12}{c}$ is slightly greater than 4 , then c can be
 (a) 11 (b) 9 (c) 13 (d) 12
- 105 If the volume of a cuboid = 30 cm^3 and base area = 15 cm^2 , then it's height is Cm
 (a) 5 (b) 2 (c) 15 (d) 150
- 106 $4 \div \frac{1}{4}$ $\frac{1}{4} \div 4$
 (a) < (b) > (c) = (d) otherwise
- 107 $\frac{1}{5}$ hour = ... Minutes
12 (b) 7 (c) 5 (d) 1
- 108 $\frac{5}{9} + \frac{4}{7}$ is about 1 , the estimation is
 (a) overestimate (b) underestimate
- 109 $\frac{1}{\dots\dots\dots} = \frac{8}{24}$
 (a) 0 (b) 2 (c) 3 (d) 1
- 110 $\frac{1}{4} + \frac{3}{16} = \dots\dots\dots$
 (a) $\frac{7}{16}$ (b) 0 (c) 16 (d) $\frac{4}{20}$
- 111 $1\frac{1}{8}$ day = ... hours
 (a) 24 (b) 8 (c) 27 (d) 2
- 112 $\dots\dots\dots \div \frac{1}{6} = 24$
 (a) 4 (b) $\frac{1}{4}$ (c) 36 (d) $\frac{6}{24}$
- 113 $\frac{1}{8} \div m = \frac{1}{32}$, then m=
 (a) 4 (b) $\frac{1}{4}$ (c) 32 (d) $\frac{8}{32}$
- 114 A is a circle divided into sectors .
 (a) Height (b) Pie graph (c) sector (d) Bar graph
- 115 the measure of an acute angle the measure of a right angle
 (a) < (b) > (c) = (d) otherwise
- 116 Estimate the difference of $\frac{9}{11} - \frac{2}{5}$ using benchmarks, ...
 (a) $\frac{7}{6}$ (b) $\frac{1}{2}$ (c) 0 (d) 1



- 117 The LCM of denominators of $\frac{4}{7}$ and $\frac{2}{5}$ is
- (a) 7 (b) 35 (c) 5 (d) $\frac{6}{35}$
- 118 90 minutes = ... hours
- (a) $12\frac{1}{2}$ (b) $3\frac{1}{2}$ (c) 30 (d) $1\frac{1}{2}$
- 119 $\frac{1}{4} \div \frac{1}{2} = \dots\dots\dots$
- (a) 4 (b) $\frac{1}{4}$ (c) 8 (d) $\frac{1}{2}$
- 120 $10 \div \frac{1}{5} = \dots\dots\dots$
- (a) 2 (b) $\frac{1}{5}$ (c) 50 (d) $\frac{5}{10}$
- 121 $1 - \frac{3}{5} - \frac{2}{5} = \dots\dots\dots$
- (a) 0 (b) 2 (c) $\frac{5}{5}$ (d) 1
- 122 $\frac{2}{5} = \frac{\dots}{15}$
- (a) 0 (b) 2 (c) 3 (d) 6
- 123 $\frac{1}{\dots} = \frac{12}{24}$
- (a) 0 (b) 2 (c) 3 (d) 1
- 124 $8 \div \frac{1}{4} \dots\dots\dots 4 \div \frac{1}{8}$
- (a) < (b) > (c) = (d) otherwise
- 125 $\frac{1}{5} + \frac{2}{3} = \dots\dots\dots$
- (a) $\frac{13}{15}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$
- 126 $\dots\dots\dots + \frac{5}{8} = 1$
- (a) $\frac{4}{8}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$
- 127 $\dots\dots\dots + \frac{5}{10} = 1$
- (a) $\frac{1}{2}$ (b) $\frac{5}{10}$ (c) $\frac{4}{8}$ (d) all of them
- 128 $1 - \dots\dots\dots = 0$
- (a) $\frac{1}{2}$ (b) $\frac{10}{10}$ (c) $\frac{2}{3}$ (d) 0
- 129 $1 - \dots\dots\dots = 1$
- (a) $\frac{1}{2}$ (b) $\frac{10}{10}$ (c) $\frac{0}{3}$ (d) 1



Question 02

complete

① the number of vertical layer is 2.....



② $\frac{3}{12} \times \frac{3}{8} \times \frac{2}{6} = \dots\dots\dots \frac{1}{32} \dots\dots\dots$

③ scalene triangle has 3 different..... sides .

④ $4 \frac{4}{8} \times \frac{8}{8} = 4 \frac{1}{2}$

⑤ $\frac{2}{8} \times 3 \times \frac{2}{6} = \dots\dots\dots \frac{1}{4} \dots\dots\dots$

⑥ $\frac{100}{100} \times 5 \frac{6}{12} = \dots\dots\dots 5 \frac{6}{12} \dots\dots\dots$

⑦ $3 \frac{2}{5} \times 5 = 5 \times \dots\dots\dots \frac{17}{5} \dots\dots\dots$

⑧ $\frac{2}{5} \times 3 = 6 \times \dots\dots\dots \frac{1}{5} \dots\dots\dots$

⑨ $\frac{3}{2} \times \frac{12}{24} = \dots\dots\dots \frac{3}{4} \dots\dots\dots$

⑩ the figure name is cylinder.....

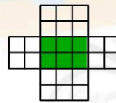


⑪ $\frac{2}{11} \times \dots\dots\dots \frac{3}{2} \dots\dots\dots = \frac{3}{11}$

⑫ $\dots\dots\dots \frac{6}{2} \dots\dots\dots \times \frac{3}{8} \times \frac{2}{6} = \frac{3}{8}$

⑬ $\frac{2}{3} \times \dots\dots\dots \frac{3}{4} \dots\dots\dots = \frac{6}{12}$

⑭ Volume = ...3.....x....2.....x....2.....

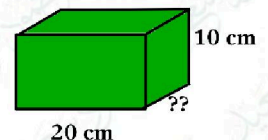


⑮ $\dots\dots\dots \frac{2}{4} \dots\dots\dots \times \frac{5}{6} = \frac{10}{24}$

⑯ acute..... Triangle has 3 acute angles and 0 right angle .

⑰ $\frac{3}{5} \times 1.5 \times 30 = \dots\dots\dots \underline{27} \dots\dots\dots$

⑱ if the volume = 1200 cm³ , then the missing dimension is 6.....cm



⑲ $\frac{4}{11} \times \dots\dots\dots \underline{3.5} \dots\dots\dots = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{2}{11}$

⑳ $3 \frac{3}{5} \times \dots\dots\dots \frac{5}{18} \dots\dots\dots = 1$



21 $3 \frac{2}{3} \times \frac{1}{5} = \dots \frac{1}{5} \dots \times 3 + \dots \frac{1}{5} \dots \times \frac{2}{3}$

22 15 minutes = $\dots \frac{1}{4} \dots$ Hours

23 $\dots 30 \dots$ minutes = $\frac{1}{2}$ Hours

24 $2 \div 4 = \dots \frac{2}{4} \dots$

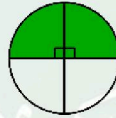
25 $23 \div 4 = \dots 5 \frac{3}{4} \dots$

26 $34 \div 5 = 6 + \dots \frac{4}{5} \dots$

27 $40 \div \dots 9 \dots = 4 \frac{4}{9}$

28 $18 \div \frac{1}{2} = 18 \times \dots 2 \dots$

29 the measure of this central angle is $\dots 180 \dots^\circ$



30 $\frac{4}{11} \times \dots 4 \dots = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{4}{11}$

31 $d \div \frac{1}{5} = \frac{1}{2}$, then $d = \dots \frac{1}{10} \dots$

32 $\frac{1}{7} \div n = \frac{1}{21}$, then $n = \dots 3 \dots$

33 $6 \div f = 24$, then $f = \dots \frac{1}{4} \dots$

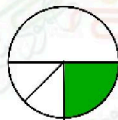
34 Any triangle has at least $\dots 2 \dots$ Acute angles .

35 Volume of  is $\dots 4 \dots$ Cube units .

36 $\dots \text{acute} \dots$ Triangle has 3 acute angles .

37 $\frac{1}{6} + \frac{3}{6} = \dots \frac{2}{3} \dots$ In simplest form

38 color $\frac{1}{4}$ of the circle .



39 the measure of a right angle is $\dots \text{equal} \dots 90^\circ$

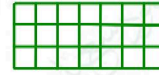
40 the sum of all decimals in one circle = $\dots 1 \dots$

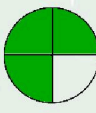
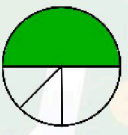
41 the measure of an obtuse angle is $\dots \text{more than} \dots 90^\circ$

42 the triangle has $\dots 3 \dots$ sides and $\dots 3 \dots$ angles

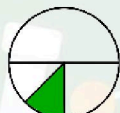
43 The simplest form of form of $\frac{2}{24}$ is $\dots \frac{1}{12} \dots$





- 44  the Area of the opposite figure is ...21... square units
- 45 the sphere has 0.... vertex .
- 46  the measure of an acute angle is less than..... 90°
- 47  $\frac{2}{6} \times 2.5 = \dots\dots\frac{5}{6}\dots\dots$
- 48 face.....is a flat surface of a solid figure .
- 49  $\frac{5}{8} \times 0.4 = \dots\dots\frac{1}{4}\dots\dots$
- 50  equilateral..... Triangle has 3 equal sides .
- 51 volume $\div$ base area = ...height.....
- 52 volume $\div$ (width $\times$ height) = ...length.....
- 53 $\frac{2}{3}$ year = ...8..... Months
- 54 If the volume of a cuboid = 400 cm^3 , it's length = 10 cm , it's height = 5 cm, then it's width is 8..... Cm
- 55 A circular sector.....is a part of a circular region .
- 56 the colored part represent $\frac{3}{4}$ Of the circle 
- 57 Color $\frac{1}{2}$ of the circle . 
- 58  $30 \div \frac{1}{3} = \dots\dots\text{90}\dots\dots$
- 59  5..... $\div \frac{1}{5} = 25$
- 60 the sum of all fractions in one circle = ...1.....
- 61 $7\frac{8}{8}$ is equivalent to 8.....
- 62 90 seconds = ... $1\frac{1}{2}$ minutes
- 63 The smallest same denominator of $\frac{1}{4}$ and $\frac{3}{8}$ is 8.....
- 64 $\frac{1}{\dots\dots4\dots\dots} = \frac{2}{8}$
- 65 Estimate the sum of $\frac{1}{6} + \frac{6}{7}$ using benchmarks, ...1.....
- 66 The LCM of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is 25.....



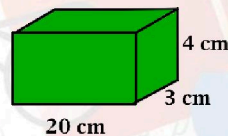
- 67 $\frac{6}{9} - \frac{3}{9} = \dots\dots\dots \frac{1}{3} \dots\dots\dots$ In simplest form
- 68 $\dots\dots\dots \frac{7}{9} \dots\dots\dots + \frac{2}{9} = 1$
- 69  ABC is an equilateral triangle where AB = 4 cm , then AC = ..4.. And BC = ..4..
- 70 $3 + \frac{1}{8} + \frac{7}{8} = \dots\dots\dots \frac{4}{1} \dots\dots\dots$
- 71 $R - \frac{2}{6} = \frac{1}{3}$, then the value of R is ... $\frac{2}{3}$
- 72 $\frac{1}{4} + \frac{3}{4} = 1 - \dots\dots\dots \frac{0}{1} \dots\dots\dots$
- 73 $\frac{1}{12}$ year = ... 1 Months
- 74 $2\frac{1}{4}$ hours = ... 2 hours + ... 15 minutes
- 75 24 months = ... 2 Year
- 76 120 seconds = ... 2 minutes
- 77  $\frac{3}{2} \times 2 = \dots\dots\dots \frac{3}{1} \dots\dots\dots$
- 78  $2\frac{2}{5} \times 3 = \dots\dots\dots 7\frac{1}{5} \dots\dots\dots$
- 79  $\frac{8}{9} \times 0.125 = \dots\dots\dots \frac{1}{9} \dots\dots\dots$
- 80 $1 - \frac{3}{8} - \frac{2}{8} = \dots\dots\dots \frac{3}{8} \dots\dots\dots$
- 81 color $\frac{1}{8}$ of the circle . 

Question 03

Answer the following

- 1 find the volume of this solid .

$$V = L \times W \times H \quad , , , \quad V = 20 \times 3 \times 4 = 240 \text{ cm}^3$$



- 2 Mohamed bought a book by $\frac{1}{3}$ of his money and a candy by $\frac{2}{7}$ of his money and saved the left money . What fraction of money does Mohamed save ?

$$\frac{1}{3} + \frac{2}{7} = \frac{13}{21} \quad \text{----} \quad 1 - \frac{13}{21} = \frac{8}{21} \text{ of his money}$$

- 3 Yara's garden consists of $\frac{3}{8}$ poppies , $\frac{1}{4}$ roses and flowers in the rest of the garden what fraction of the flowers in the garden ?

$$\frac{3}{8} + \frac{1}{4} = \frac{5}{8} \quad \text{---} \quad 1 - \frac{5}{8} = \frac{3}{8}$$



- 4 Besan collected $6\frac{2}{7}$ of honey . She gave his sister Sandy $3\frac{3}{4}$ kg of them . How many kilograms are left ?

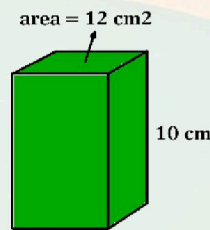
$$6\frac{2}{7} - 3\frac{3}{4} = 2\frac{15}{28}$$

- 5 Yousef spent $\frac{5}{6}$ of his money for buying candy and $\frac{3}{4}$ for buying clothes . Write their fractions with like denominators .

$$\frac{10}{12} , \quad \frac{9}{12}$$

- 6 find the volume of this solid .

$$V = B.A \times H \quad , , , , \quad V = 12 \times 10 = 120 \text{ cm}^3$$



- 7 Lena ate $1\frac{3}{4}$ kg of fruits , Yasin ate $\frac{1}{5}$ kg more than Lena and Jana ate $\frac{3}{10}$ kg less than Yasin . How many kilograms did Jana eat ?

$$\text{yasin} = 1\frac{3}{4} + \frac{1}{5} = 1\frac{19}{20} \text{ kg}$$

$$\text{Jana} = 1\frac{19}{20} - \frac{3}{10} = 1\frac{13}{20} \text{ kg}$$

- 8 Seif studied MATH for $3\frac{1}{4}$ hours and science for 30 minutes . How many hours did Seif study in all ?

$$3\frac{1}{4} + \frac{1}{2} = 3\frac{3}{4} \text{ hours}$$

- 9 Esraa notice that $\frac{1}{3}$ of the 9 rose bushes are in bloom . How many rose bushes are in bloom ?

$$\frac{1}{3} \times 9 = 3 \text{ rose bushes}$$

- 10 Maya ate $\frac{1}{4}$ of 24 candies . How many candies are left ?

$$\frac{3}{4} \times 24 = 18 \text{ candies}$$

- 11 write three different multiplication expressions that have the same product as $5 \times \frac{4}{8}$

$$4 \times \frac{5}{8} , \quad \frac{4}{8} \times 5 , \quad 20 \times \frac{1}{8}$$

- 12 Dareen bought $3\frac{1}{8}$ liters of water for $\frac{4}{5}$ for each liter . How much money did Dareen pay ?

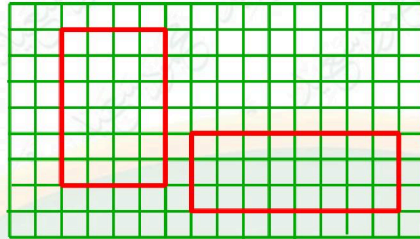
$$\frac{4}{5} \times 3\frac{1}{8} = 2.5 \text{ LE}$$



- 13** Mohamed bought 3 bags of meat . Each bag has a mass of $2\frac{1}{9}$ kg . If he gave $4\frac{2}{3}$ kg to Rozana . How many kilograms left ?

$$3 \times 2\frac{1}{9} = 6\frac{1}{3} \text{ kg} \quad \longrightarrow \quad 6\frac{1}{3} - 4\frac{2}{3} = 1\frac{2}{3} \text{ kg}$$

- 14** Draw two different rectangles with an area 24 square units .



- 15** A rectangular room of $1\frac{1}{4}$ m wide and 4 m longe . Find the area .

$$4 \times 1\frac{1}{4} = 5 \text{ square meter}$$

- 16** Mr Mahmoud Elkholy is reading a chapter book in MATH . He can read $10\frac{2}{3}$ pages in 1 hour . How many pages will he read in 15 minutes ?

$$15 \text{ min} = \frac{1}{4} \text{ hours} \quad \longrightarrow \quad 10\frac{2}{3} \times \frac{1}{4} = 2\frac{2}{3} \text{ pages}$$

- 17** If the price of 16 candies 26 L.E. .find the price of each one .

$$26 \div 16 = 1\frac{5}{8} \text{ LE}$$

- 18** Plot the points on the coordinate plane :

A(2 , 4) B (7 , 4) C(7 , 7) D (2 , 7)

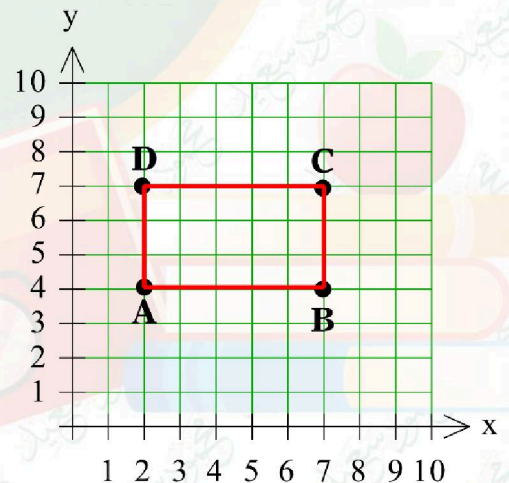
- what is the name of the figure ABCD ? Rectangle

- what is the length of AB ? 5

- what is the length of BC ? 3

- CD // BA.....

- AB is perpendicular to BC.....



- 19** How many $\frac{1}{6}$ cup in 6 cups of chocolate ?

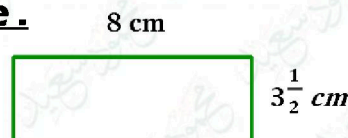
$$6 \div \frac{1}{6} = 36 \text{ cups}$$

- 20** Mr Mahmoud Elkholy wants to give $\frac{1}{5}$ of a box candies to each student he has 9 boxes . To how many students will he be able to give candies ?

$$9 \div \frac{1}{5} = 45 \text{ students}$$

- 21** Find the area of the opposite rectangle .

$$8 \times 3\frac{1}{2} = 28 \text{ square cm}$$



- 22** Sofian wants to design a cuboid room of volume 12000000 cm^3 , it's length = 300 cm and it's height = 200 cm , find it's width .

$$W = V \div (L \times H) \quad ,,, \quad W = 12000000 \div (300 \times 200) = 200 \text{ cm}$$

- 23** A cuboid with a square base it's length 20 cm . 24000 cm^3 oil was poured into it . What is the height of the oil ?

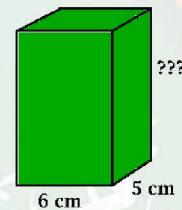
$$H = V \div (L \times W) \quad ,,, \quad H = 24000 \div (20 \times 20) = 60 \text{ cm}$$

- 24** MR Mahmoud Elkholy walked $1\frac{1}{2} \text{ km}$ and his student Ebrahim walked $2\frac{3}{5} \text{ km}$ more . What distance that Ebrahim walked ?

$$1\frac{1}{2} + 2\frac{3}{5} = 4\frac{1}{10} \text{ km}$$

- 25** if the volume = 300 cm^3 , find the height of this solid .

$$H = V \div (L \times W) \quad ,,, \quad H = 300 \div (6 \times 5) = 10 \text{ cm}$$



- 26** Samira studied MATH for $1\frac{1}{2}$ hours and science for 40 minutes . How many minutes did Samira study in all ?

$$1\frac{1}{2} \times 60 = 90 \text{ min} \quad \backslash \backslash \quad 90 + 40 = 130 \text{ min}$$

- 27** Answer with the number line .

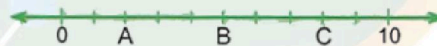
3

- what is the value of A ? 2

- what is the value of B ? 5

- what is the value of C ? 8

- what is the distance between A and C ? 6



- 28** The opposite figure shows the fraction of time that Eyad spends in studying subjects . He studied 20 hours .

- what's the decimal of the time that Eyad spends in studying

Maths ? 0.3

- what's the fraction of the time that Eyad spends in studying

Maths ? $\frac{3}{10}$

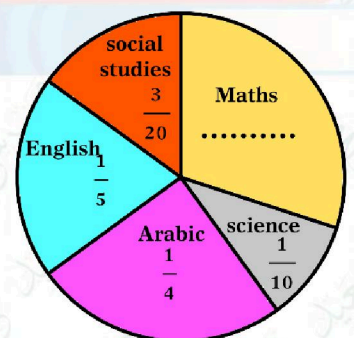
- what's the measure of the central angle of science ? 36°

- what's the measure of the central angle of Arabic ? 90°

- How many hours did he study English ? 4 HOURS

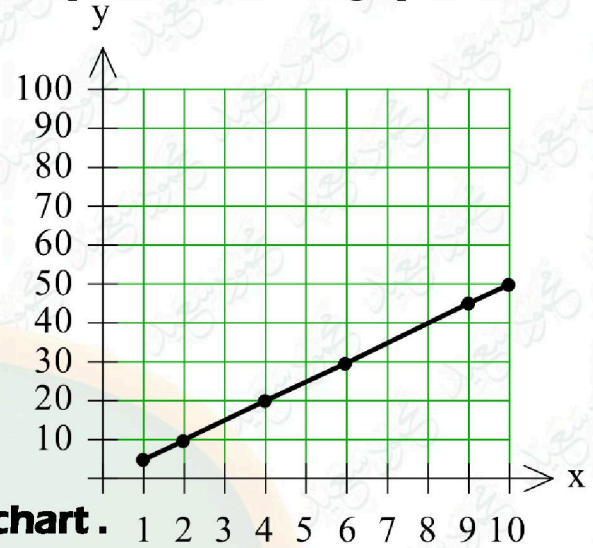
- How many hours did he study Arabic ? 5 HOURS

- How many hours did he study science ? 2 HOURS



- 29 Ahmed's car consumes 1 Liter of petrol to cover 5 km , complete the table and graph the points on the grid .

Petrol	Distance
1	5
2	10
4	20
6	30
9	45
10	50



- How many liters are needed to cover 40 km ? 8 L
 - 12 liters can be consumed to cover 60..... Km

- 30 Represent these data by the opposite pie chart .

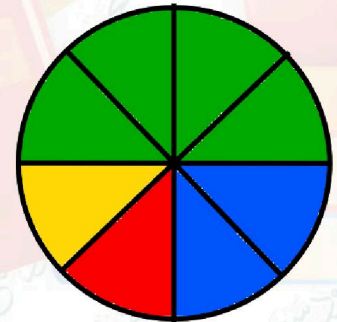
Rate	excellent	good	pass	weak
Fraction	$\frac{3}{20}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{10}$

- If the total number of students is 100 students ,
 1- find the number of good students . 50 students
 2- find the number of pass students . 25 students
 3- find the number of week students . 10 students
 4- find the number of excellent students . 15 students



- 31 In the opposite circle . This represents 80 students .

- Shade $\frac{1}{2}$ of the circle green .
 - Shade $\frac{1}{8}$ of the circle red .
 - Shade $\frac{1}{4}$ of the circle blue .
 - Shade $\frac{1}{8}$ of the circle yellow .
 - what decimal of the group is blue ? 0.25
 - what decimal of the group is green ? 0.5
 - what decimal of the group is red ? 0.125
 - How many students do the green represent ? $\frac{1}{2} \times 80 = 40$ students
 - How many students do the blue represent ? $\frac{1}{4} \times 80 = 20$ students
 - How many students do the yellow and red represent ? $\frac{1}{4} \times 80 = 20$ students



تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

